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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Robert C. Brunham
Appl'n. No. :
Filed :
Title : DNA IMMUNIZATION AGAINST CHLAMYDIA INFECTION
Grp./A.U. :
Examiner :
Docket No. : 1038-1210 MIS

January 4, 2002

BY COURIER

The Commissioner of Patents
and Trademarks,
Washington, D.C. 20231,
U.S.A.

PRELIMINARY AMENDMENT

Sir:

Please amend the above-identified application as follows:

In the Specification:

Please replace the paragraph beginning at page 7, line 11, with the following rewritten paragraph:

"Figures 2A and 2B illustrate protection against MoPn infection with *momp* gene products following DNA immunization. Balb/c mice were immunized with (o) pcDNA3 (n = 11), (●) pMOMP intramuscularly (n = 12), (Δ) pMOMP intranasally (n = 5) or (▲) MoPn EBs (n = 12). Eighteen days after the last immunization, mice were challenged intranasally with infectious MoPn (1000 IFU). Figure 2A shows body weight loss. Body weight was measured daily following infection challenge and each point in Figure 2A, represents the mean ± SEM of the body weight loss. Figure 2B shows *in vivo* chlamydia clearance.

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